

Bearing Installation: Honda NSX, Honda S2000 and Toyota Supra



EXEDY Racing Clutch Technical Information – Ref: 0004

Hyper Series: Bearing Installation

Applicable References

Honda NSX:	HH04SD1 / HM012SD / HH04SBMC / HM012SBMC1
Honda S2000:	HH01SD / HH01SDV / HM052SR / HH01HDMC1 / HH01SBMC / HM052SBMC1
Toyota Supra:	TM042SD / TM043SR / TM042SDMC1 / TM042HDMC1 / TM042SBMC1 / TM043SBMC1

NOTE: If a Honda NSX has an original single plate clutch, a crank bolt must be purchased for the OE twin plate clutch from the main dealer.

1. Disassemble clutch cover from flywheel. Remove clutch disc and Place 3 x 6-7mm spacer washers on flywheel surface. NOTE: Do not place spacer on clutch disc. The clutch disc must be removed entirely from this operation. Only space washers are to be used.



2. Place pressure plate on the spacer washers and release bearing in the centre of the clutch.



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3. Torque down the clutch cover assembly to the flywheel evenly.



4. Pull the release bearing through the diaphragm hole. The end of the diaphragm fingers should be in the groove of the release bearing carrier housing. Hold the bearing in this position and slowly undo the cover bolts evenly.



5. The diaphragm should now trap the release bearing on the groove of the bearing carrier.
6. Remove the spacer washers.

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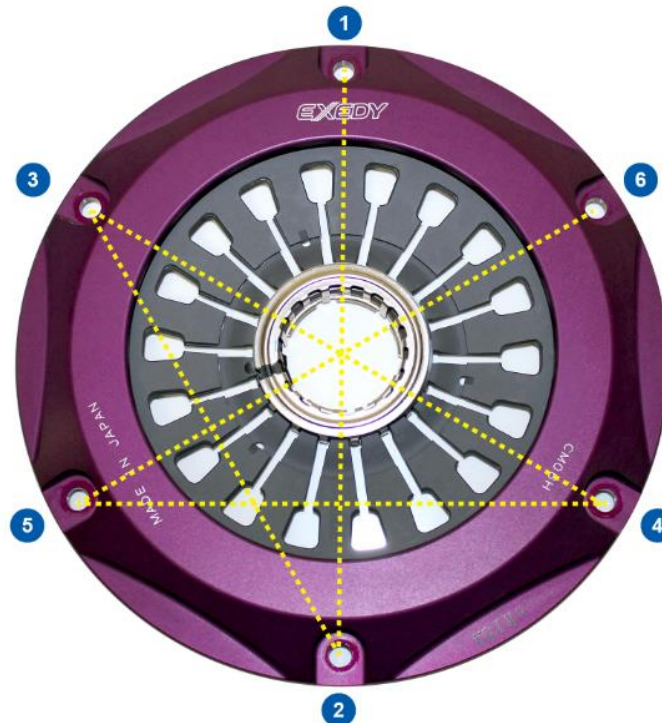
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7. Torque the flywheel to the crank. Assemble the lower disc, intermediate plate and upper disc onto the flywheel with the blue balance mark aligned. Line up the pressure plate and clutch cover assembly, then torque down using an alignment tool.



NOTE: The lower clutch disc is marked 'F/W SIDE' (Flywheel) and the upper clutch disc has 'T/M SIDE' (Transmission) on the plate. These clutch discs must be assembled with the logo facing towards the clutch cover.

NOTE: Clutch covers should be torqued down using a star pattern, as shown below.



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